

KCC 4791
(K.C. No. 16,385)
PATENT

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning on page 12, line 18 with the following:

Based on these calculations, a suitable weight ratio of ionic superabsorbent polymer to glycine in the absorbent composition would be about 1:2. In accordance with the present invention, the ionic superabsorbent polymer material is combined with an amount of absorbency-enhancing additive at least equal (by weight) to the amount of superabsorbent polymer; that is, there is at least as much absorbency-enhancing additive present as ionic superabsorbent polymer. This amount of absorbency-enhancing additive ensures sufficient partitioning of the absorbency-enhancing additive into the ionic superabsorbent polymer and has been discovered to provide a significant absorbency increase. For example, a weight ratio of ionic superabsorbent polymer to glycine (or similar compounds) is preferably at least about 1:1, and more preferably at least about 1:2. Weight ratios of ~~absorbency-enhancing additives to superabsorbent polymers~~ to absorbency-enhancing additives can also be 1:3, 1:4, or even 1:5 or greater depending upon the absorbency-enhancing additive in accordance with the present invention. One skilled in the art will recognize that suitable amounts of other compounds useable as absorbency-enhancing additives in accordance with present invention can be calculated in a manner similar to the above calculations.